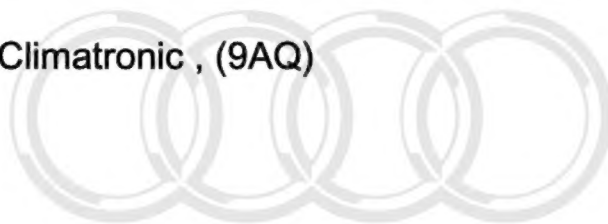




**Climate Control, Comfort Climatronic , (9AQ)**

From January 2011

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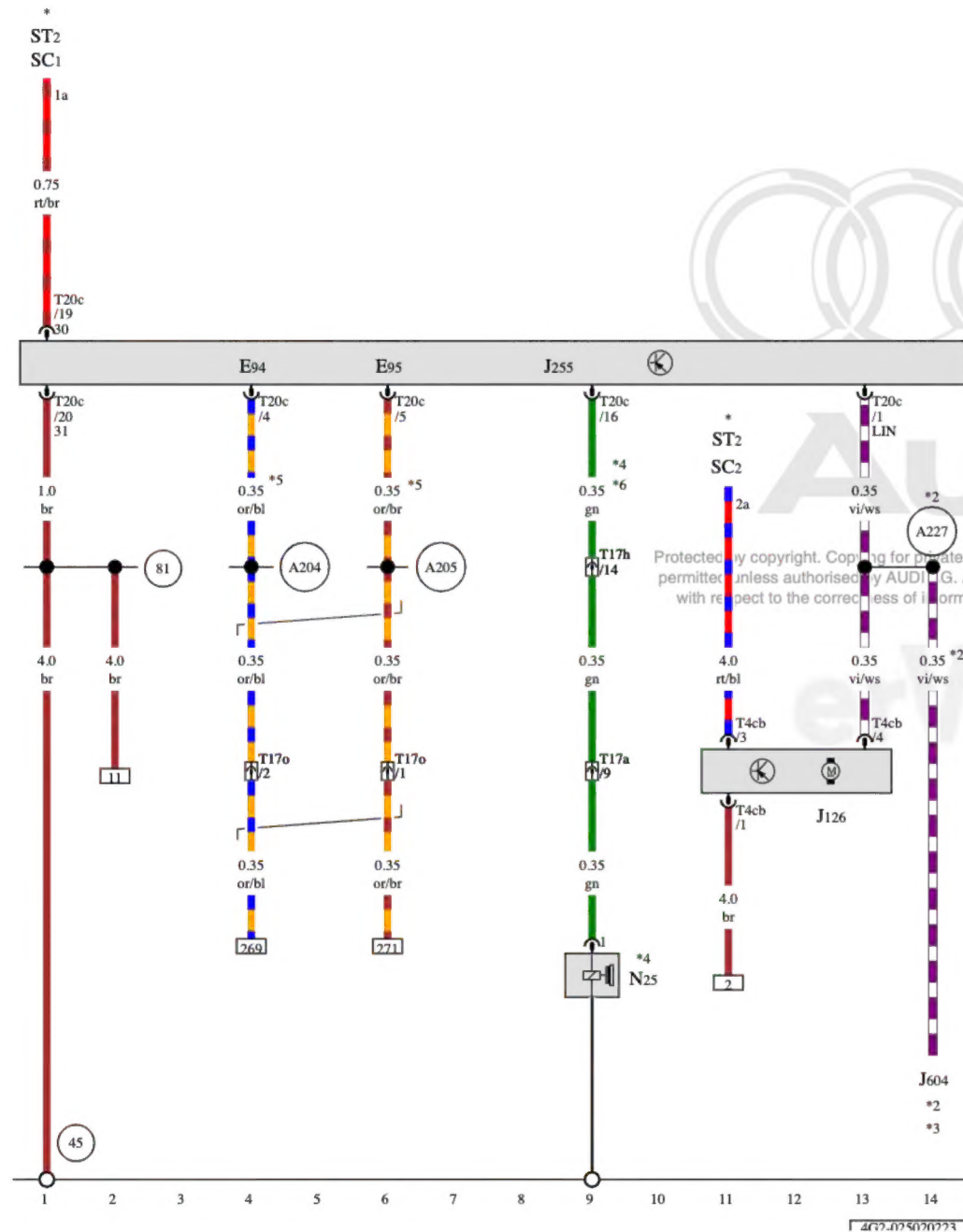
Fresh Air Blower Control Module, Climatronic Control Module, A/C Clutch

- E94 Heated Driver Seat Adjuster
- E95 Heated Front Passenger Seat Adjuster
- J126 Fresh Air Blower Control Module
- J255 Climatronic Control Module
- J604 Auxiliary Heater Control Module
- N25 A/C Clutch
- SC1 Fuse 1 (On Fuse Panel C)
- SC2 Fuse 2 (On Fuse Panel C)
- ST2 Fuse Panel 2
- T4cb 4-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar
- T20c 20-Pin Connector

- 45 Ground Connection Behind Instrument Panel, Center
- 81 Ground Connection 1 (in Instrument Panel Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- A227 LIN Bus Connection 2 (in Instrument Panel Wiring Harness)

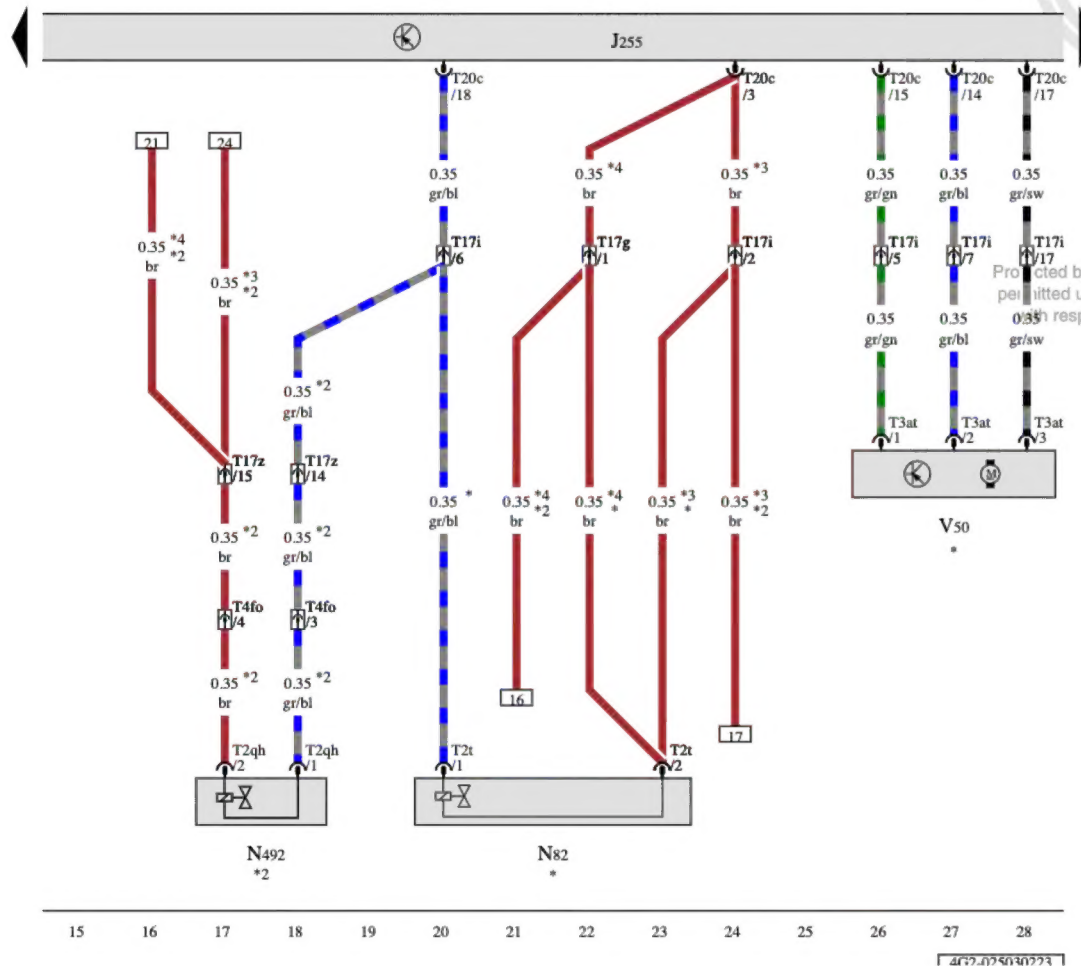
- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 For Vehicles with Hybrid Drive
- \*3 Refer to Applicable Engine Wiring Diagram
- \*4 Depending on Equipment
- \*5 Data Bus Wire (CAN Bus)
- \*6 From September 2013

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink



Climatronic Control Module, Coolant Shut-Off Valve, Cooling Circuit Solenoid Valve, Coolant Recirculation Pump

- J255 Climatronic Control Module
- N82 Coolant Shut-Off Valve
- N492 Cooling Circuit Solenoid Valve
- T2qh 2-Pin Connector
- T2t 2-Pin Connector
- T3at 3-Pin Connector
- T4fo 4-Pin Connector, In the Engine/Motor Compartment, Left
- T17g 17-Pin Connector, In the Connector Station, Right A-Pillar
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station
- T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T20c 20-Pin Connector
- V50 Coolant Recirculation Pump
- \* For Vehicles Without Parking Heater
- \*2 For Vehicles with Hybrid Drive
- \*3 For LHD Vehicles
- \*4 For RHD Vehicles

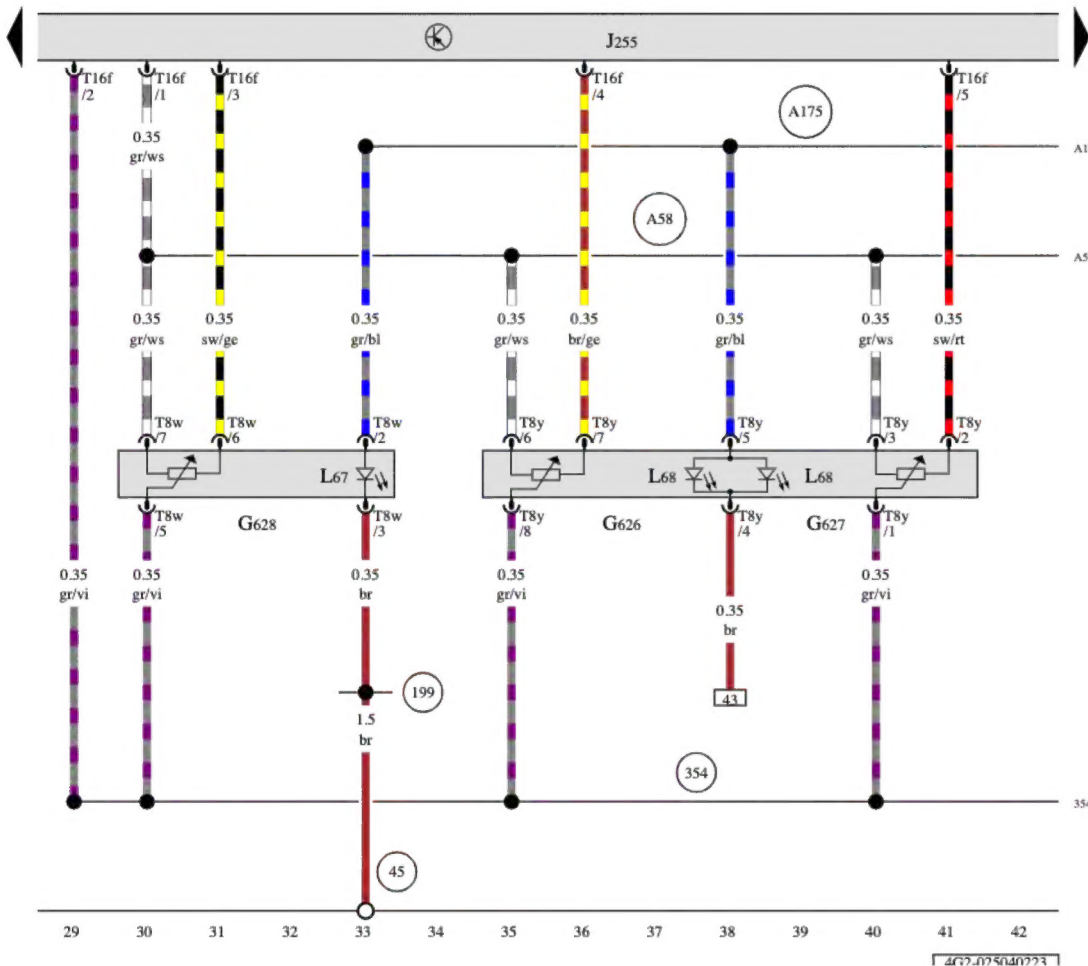


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- vi = lilac
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Position Sensor in Left Center Vent, Position Sensor in Left Side Vent, Climatronic Control Module

- G626 Position Sensor in Left Center Vent
- G627 Position Sensor in Right Center Vent
- G628 Position Sensor in Left Side Vent
- J255 Climatronic Control Module
- L67 Left Instrument Panel Vent Illumination Bulb
- L68 Center Instrument Panel Vent Illumination Bulb
- T8w 8-Pin Connector
- T8y 8-Pin Connector
- T16f 16-Pin Connector

- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- 354 Ground Connection 6 (in Instrument Panel Wiring Harness)
- A58 5 Volt Connection (in Instrument Cluster Wiring Harness)
- A175 Connection 58s (in Instrument Panel Wiring Harness)



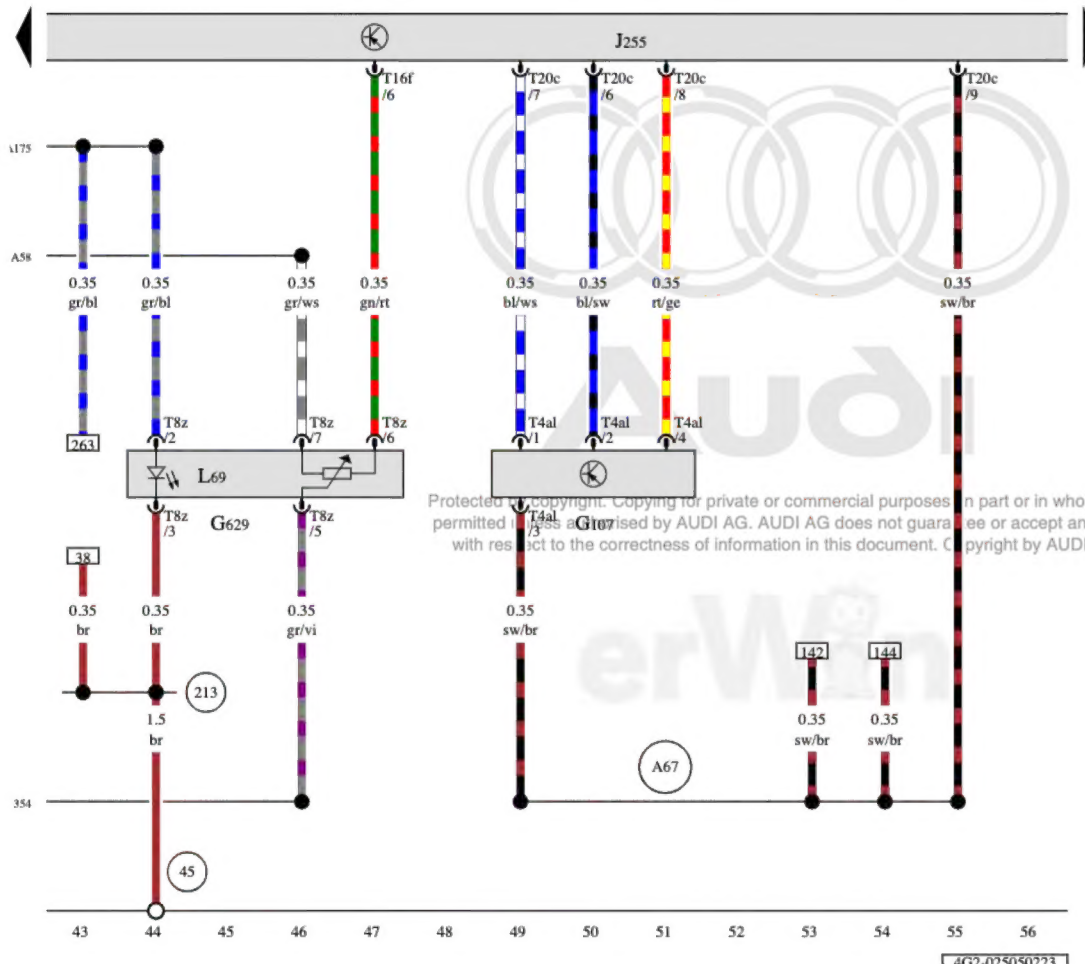
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Sunlight Photo Sensor, Position Sensor in Right Side Vent, Climatronic Control Module

- G107 Sunlight Photo Sensor
- G629 Position Sensor in Right Side Vent
- J255 Climatronic Control Module
- L69 Right Instrument Panel Vent Illumination Bulb
- T4al 4-Pin Connector
- T8z 8-Pin Connector
- T16f 16-Pin Connector
- T20c 20-Pin Connector

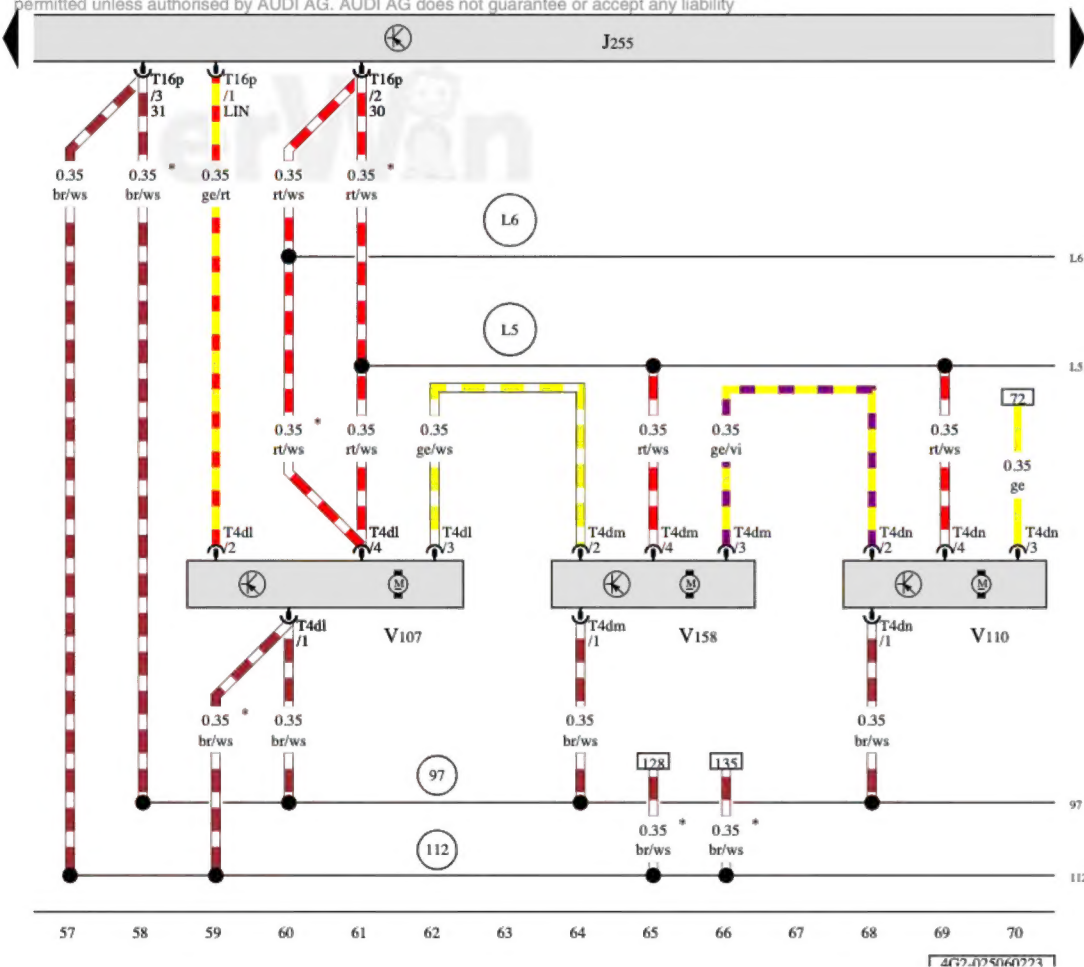
- 45 Ground Connection Behind Instrument Panel, Center
- 213 Ground Connection (in Instrument Panel Wiring Harness)
- 354 Ground Connection 6 (in Instrument Panel Wiring Harness)
- A58 5 Volt Connection (in Instrument Cluster Wiring Harness)
- A67 A/C System Connection (31) (in Instrument Panel Wiring Harness)
- A175 Connection 58s (in Instrument Panel Wiring Harness)



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# Climatronic Control Module, Defroster Door Motor, Left Center Vent Motor, Left Temperature Control Door Motor

- J255 Climatronic Control Module
- T4dl 4-Pin Connector
- T4dm 4-Pin Connector
- T4dn 4-Pin Connector
- T16p 16-Pin Connector
- V107 Defroster Door Motor
- V110 Left Center Vent Motor
- V158 Left Temperature Control Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
- 112 Ground Connection 2 (in A/C Wiring Harness)
- L5 Connection 1 (in A/C Unit Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)

\* For RHD Vehicles

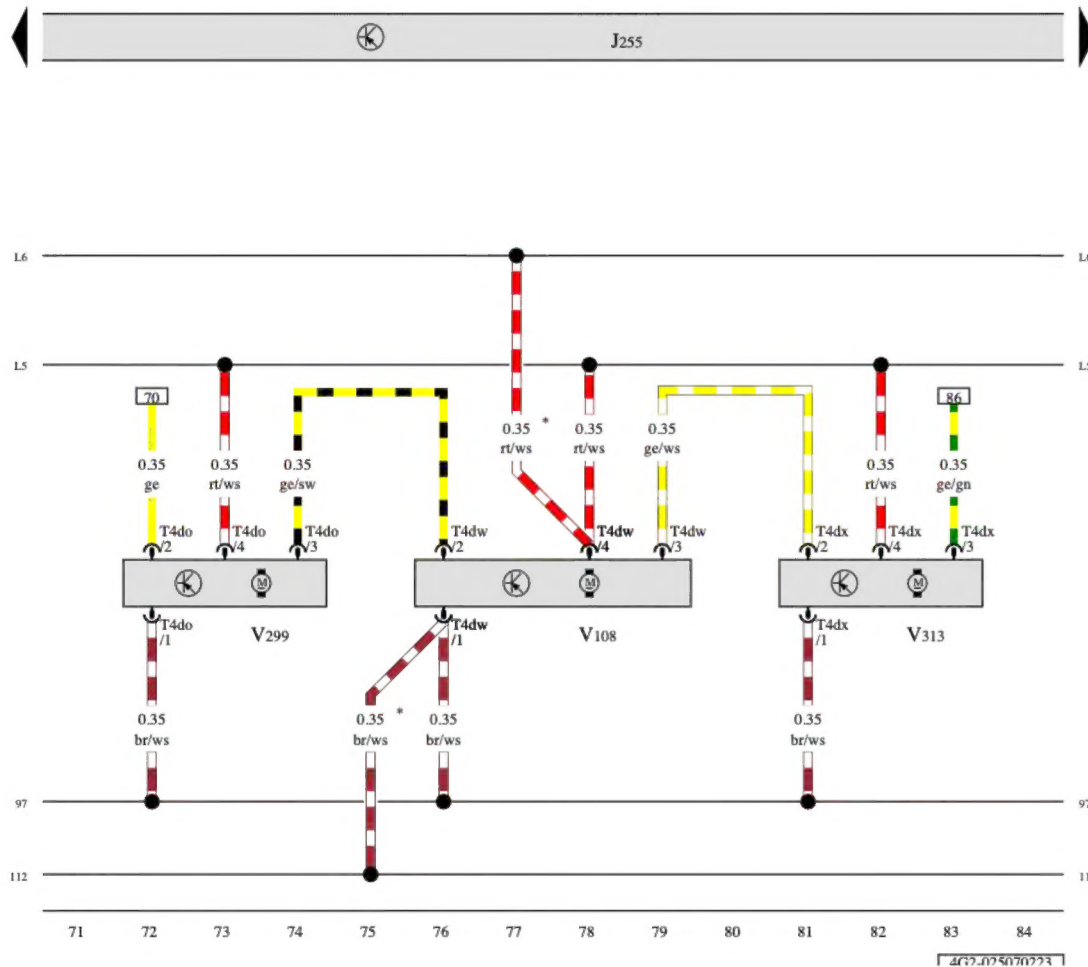
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 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
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 vi = lilac  
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 or = orange  
 rs = pink

Climatronic Control Module, Left Footwell Door Motor, Left Side Vent Adjustment Motor, Left Rear Temperature Control Door Motor

- J255 Climatronic Control Module
- T4do 4-Pin Connector
- T4dw 4-Pin Connector
- T4dx 4-Pin Connector
- V108 Left Footwell Door Motor
- V299 Left Side Vent Adjustment Motor
- V313 Left Rear Temperature Control Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
- 112 Ground Connection 2 (in A/C Wiring Harness)
- L5 Connection 1 (in A/C Unit Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)

\* For RHD Vehicles



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Climatronic Control Module, Left Rear Air Door Motor, Right Rear Air Door Motor

J255 Climatronic Control Module  
T4dy 4-Pin Connector  
T4dz 4-Pin Connector  
V239 Left Rear Air Door Motor  
V240 Right Rear Air Door Motor

97 Ground Connection 1 (in A/C Wiring Harness)

112 Ground Connection 2 (in A/C Wiring Harness)

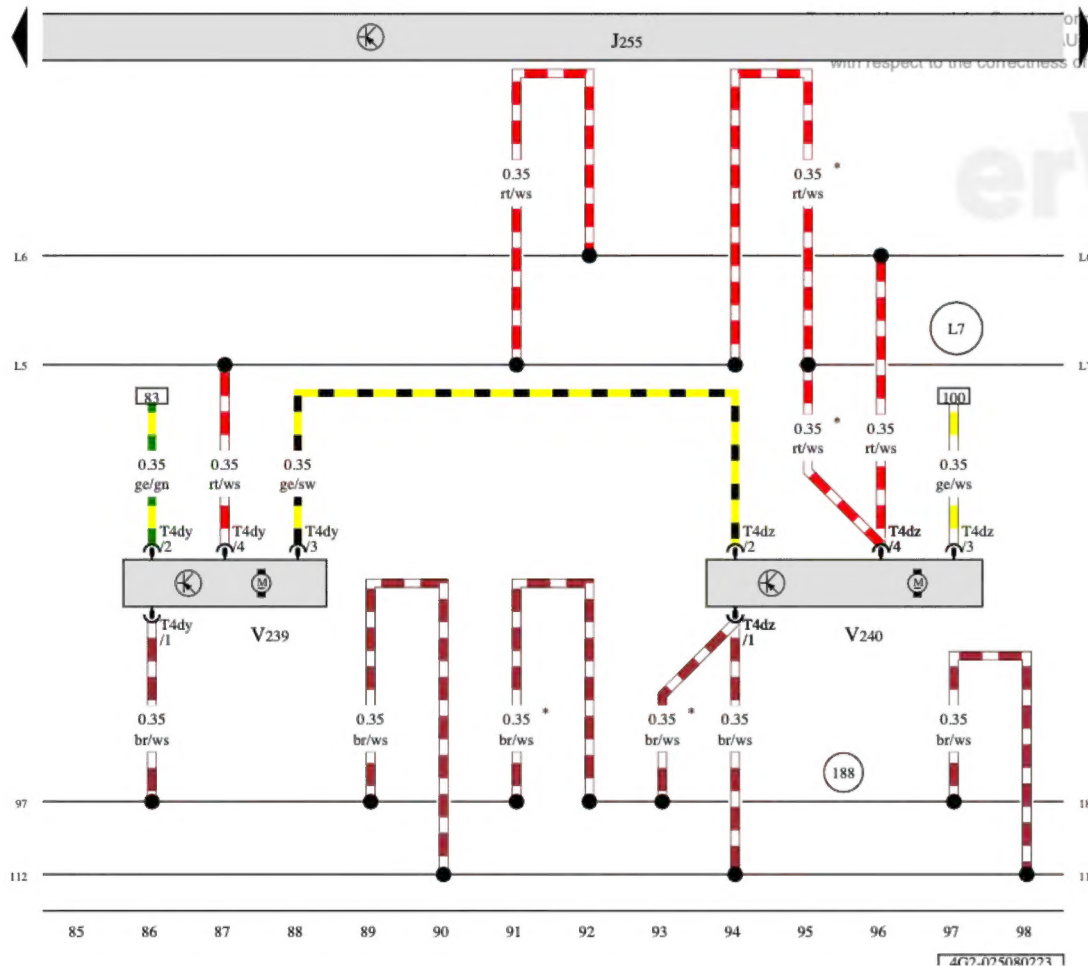
188 Ground Connection 3 (in A/C Wiring Harness)

L5 Connection 1 (in A/C Unit Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

\* For RHD Vehicles





# Climatronic Control Module, Right Side Vent Adjustment Motor

- J255 Climatronic Control Module
- T4dq 4-Pin Connector
- T4ea 4-Pin Connector
- T4eb 4-Pin Connector
- V109 Right Footwell Door Motor
- V300 Right Side Vent Adjustment Motor
- V314 Right Rear Temperature Control Door Motor

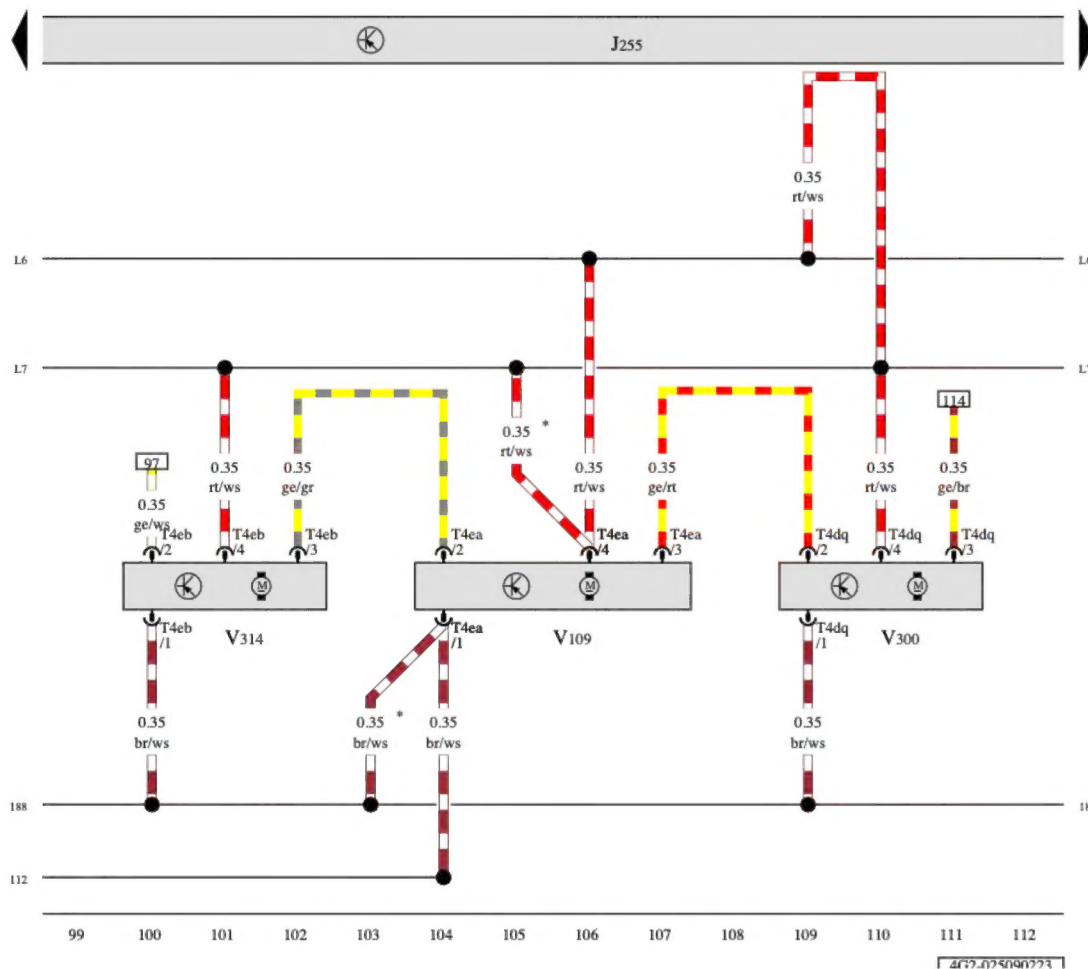
112 Ground Connection 2 (in A/C Wiring Harness)

188 Ground Connection 3 (in A/C Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

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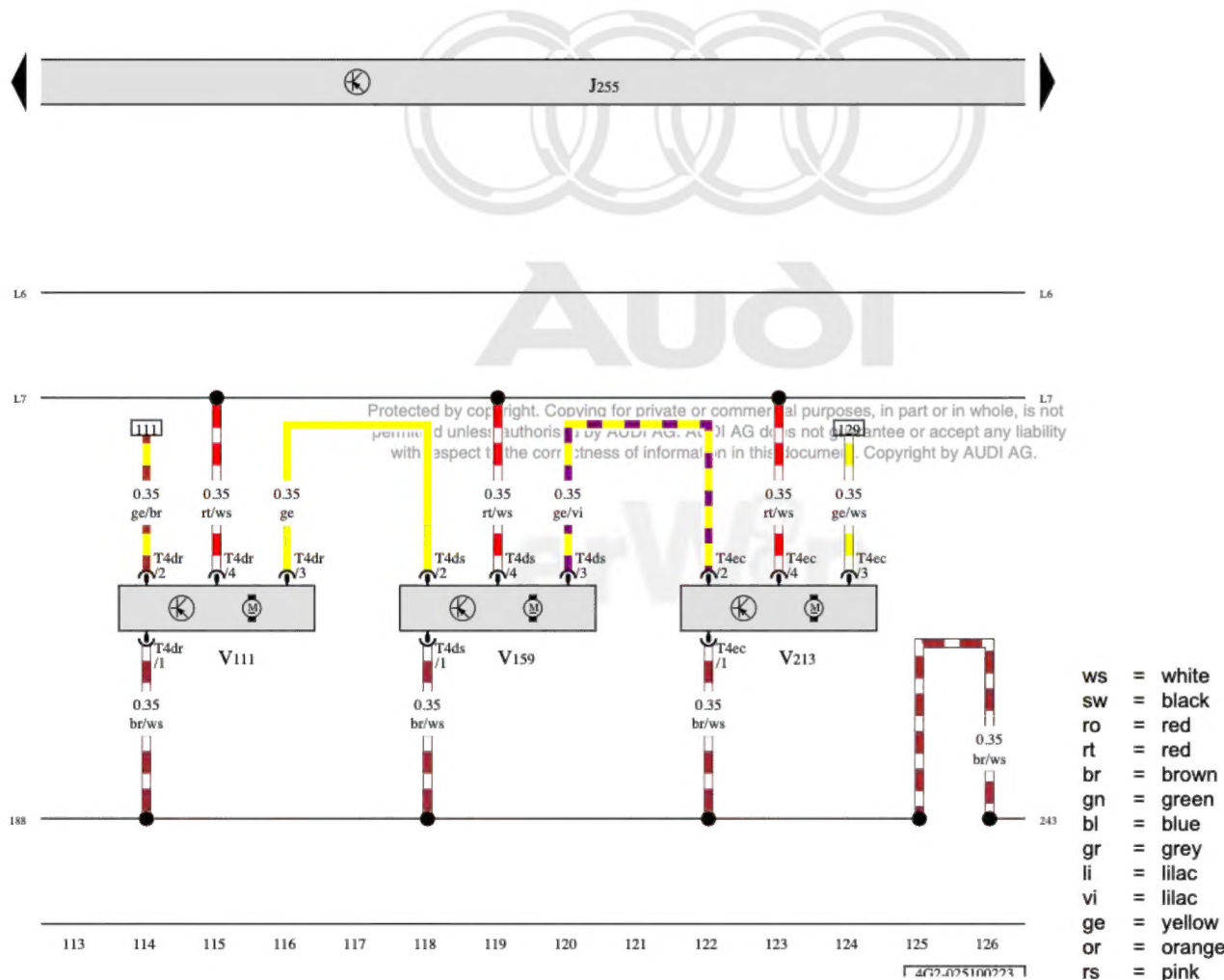


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- ro = red
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- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Climatronic Control Module, Right Center Vent Motor, Right Temperature Control Door Motor, Indirect Ventilation Door Motor

- J255 Climatronic Control Module
- T4dr 4-Pin Connector
- T4ds 4-Pin Connector
- T4ec 4-Pin Connector
- V111 Right Center Vent Motor
- V159 Right Temperature Control Door Motor
- V213 Indirect Ventilation Door Motor

- 188 Ground Connection 3 (in A/C Wiring Harness)
- 243 Ground Connection 1 (in Climatronic Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)
- L7 Connection 3 (in A/C Unit Wiring Harness)



Climatronic Control Module, Back Pressure Door Motor, Recirculation Door Motor

- J255 Climatronic Control Module
- T4dt 4-Pin Connector
- T4du 4-Pin Connector
- V71 Back Pressure Door Motor
- V113 Recirculation Door Motor

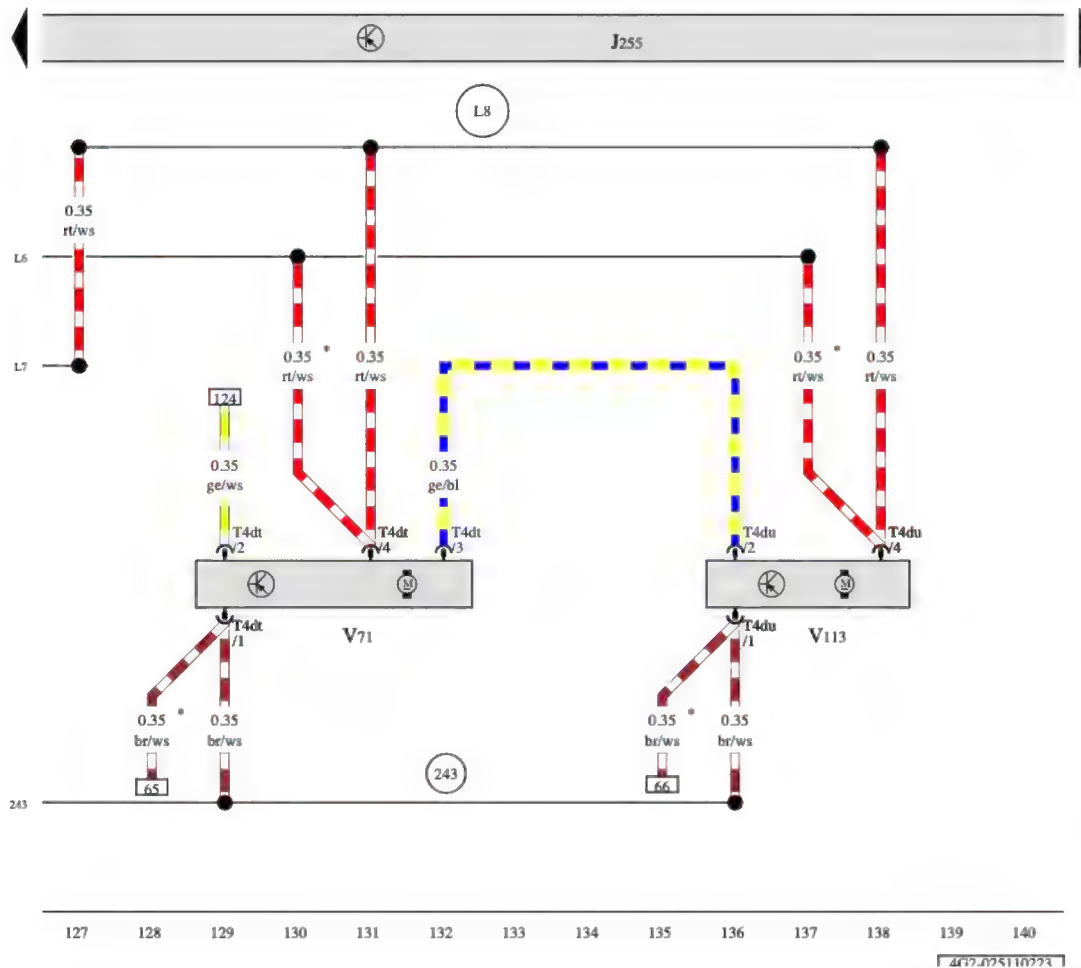
243 Ground Connection 1 (in Climatronic Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

L8 Connection 4 (in A/C Unit Wiring Harness)

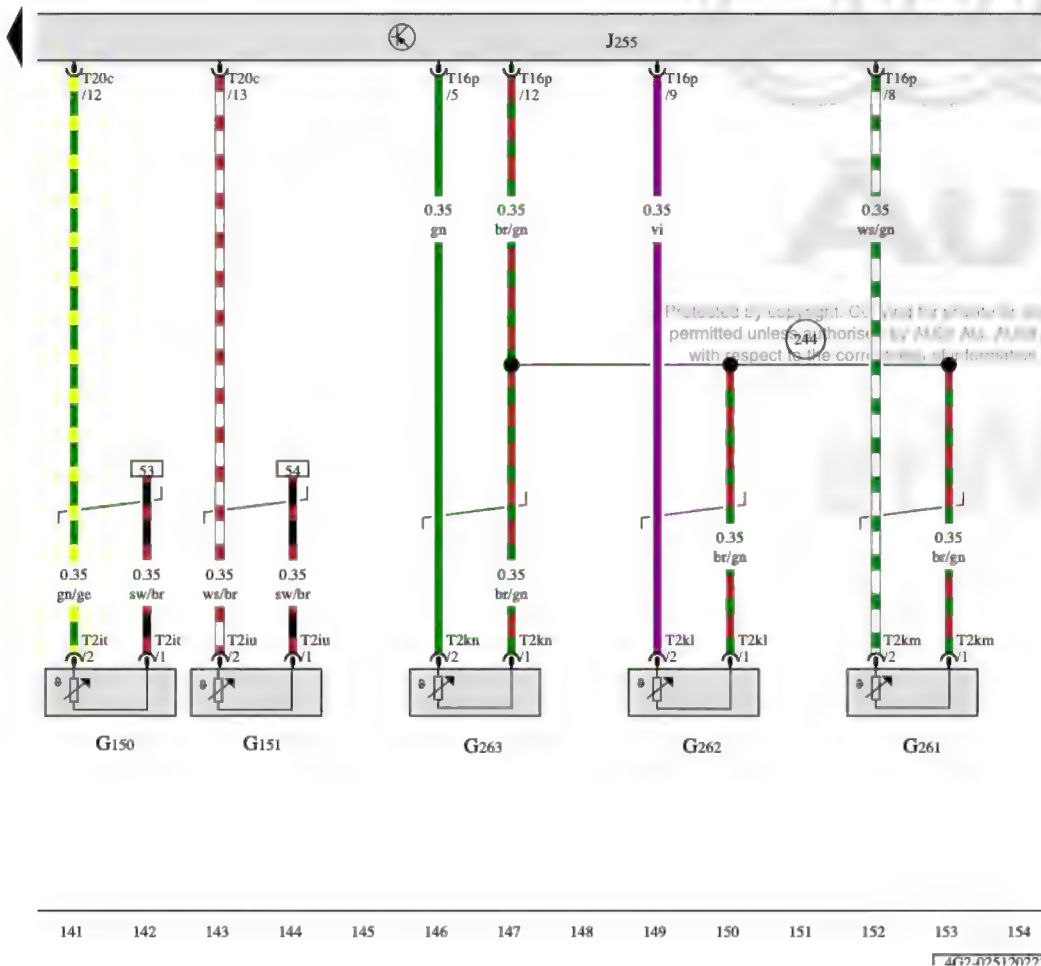
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Left Vent Temperature Sensor, Left Footwell Vent Temperature Sensor, Evaporator Vent Temperature Sensor, Climatronic Control Module

- G150 Left Vent Temperature Sensor
- G151 Right Vent Temperature Sensor
- G261 Left Footwell Vent Temperature Sensor
- G262 Right Footwell Vent Temperature Sensor
- G263 Evaporator Vent Temperature Sensor
- J255 Climatronic Control Module
- T2it 2-Pin Connector
- T2iu 2-Pin Connector
- T2kl 2-Pin Connector
- T2km 2-Pin Connector
- T2kn 2-Pin Connector
- T16p 16-Pin Connector
- T20c 20-Pin Connector

244 Sensor Ground Connection (in Climatronic Wiring Harness)



- ws = white
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- br = brown
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- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

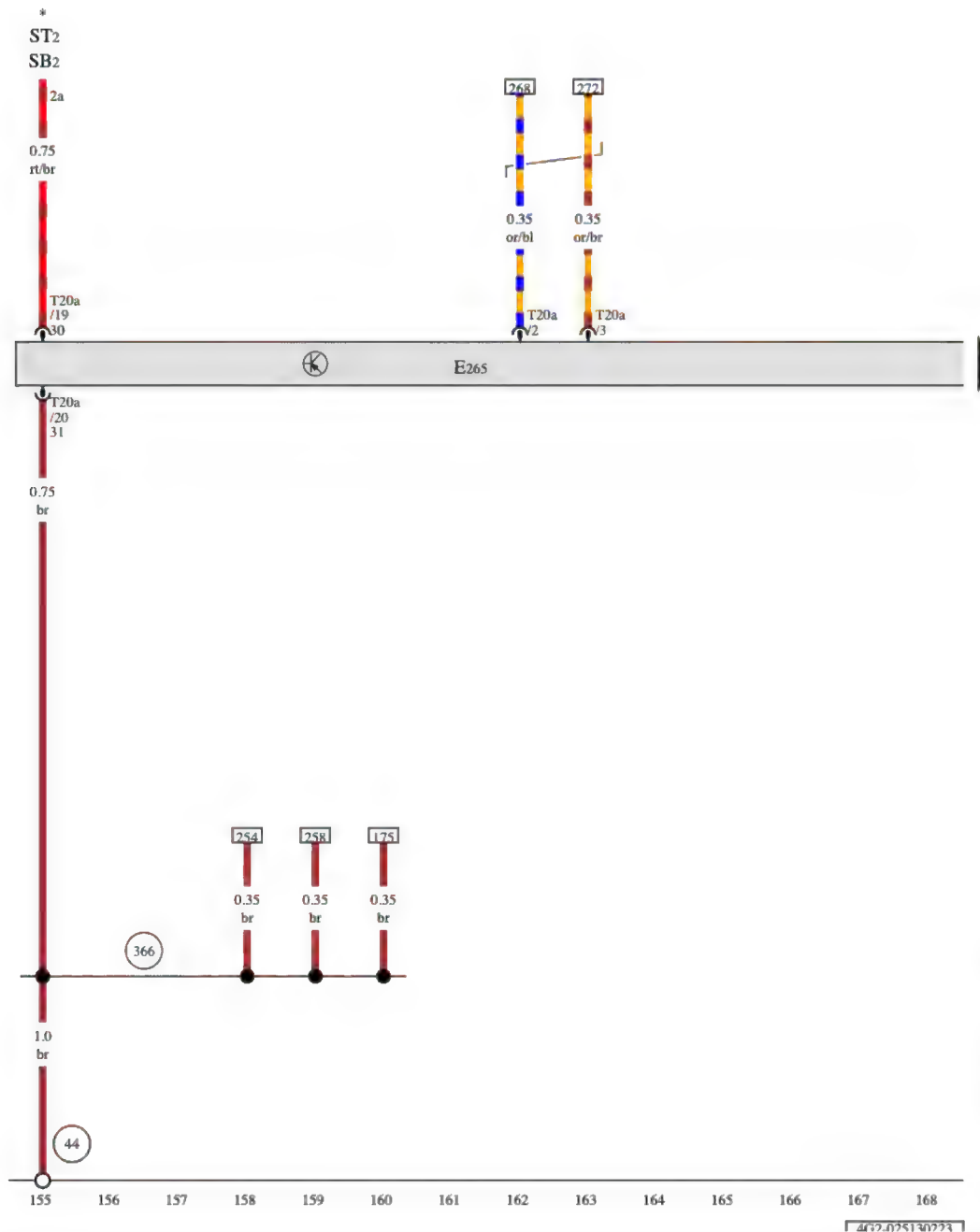
# Rear A/C Display Control Head

E265 Rear A/C Display Control Head  
 SB2 Fuse 2 (On Fuse Panel B)  
 ST2 Fuse Panel 2  
 T20a 20-Pin Connector

44 Ground Connection on A-Pillar, Lower Left

366 Ground Connection 1 (in Main Wiring Harness)

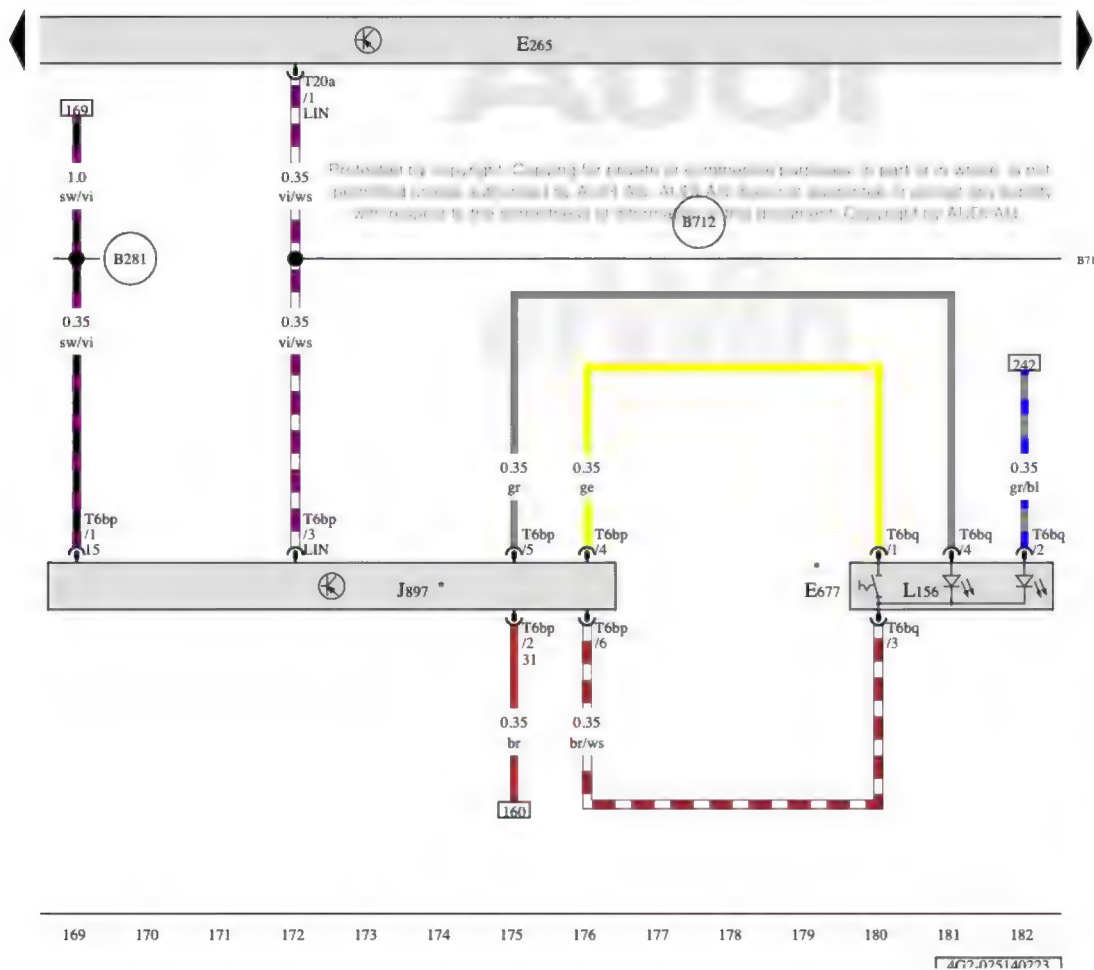
\* Refer to Applicable Wiring Diagram for Fuse Positions



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 sw = black  
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 br = brown  
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 bl = blue  
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 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink



\*2  
ST1  
SB1  
1a  
1.0  
sw/vi  
169



## Rear A/C Display Control Head, Ionizer Button, Ionizer Control Module

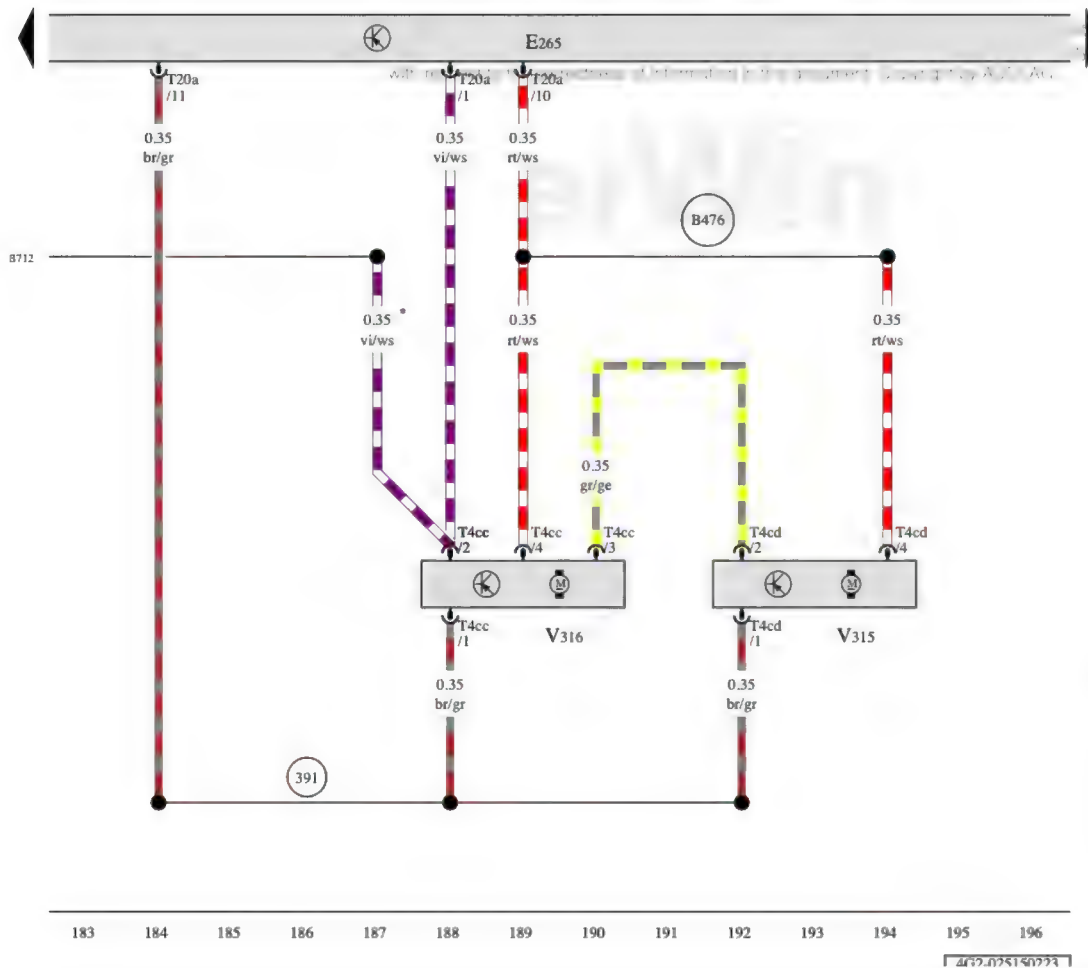
- E265 Rear A/C Display Control Head
- E677 Ionizer Button, On the Right B-Pillar
- J897 Ionizer Control Module
- L156 Switch Illumination Bulb
- SB1 Fuse 1 (On Fuse Panel B)
- ST1 Fuse Panel 1
- T6bp 6-Pin Connector
- T6bq 6-Pin Connector
- T20a 20-Pin Connector

(B281) Positive Connection 5 (15a) (in Main Wiring Harness)

(B712) LIN Bus Connection 7 (in Main Wiring Harness)

- \* For Vehicles with China Equipment
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions

ws = white  
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# Rear A/C Display Control Head, Left Rear Upper Body Vent Adjustment Motor, Right Rear Upper Body Vent Adjustment Motor

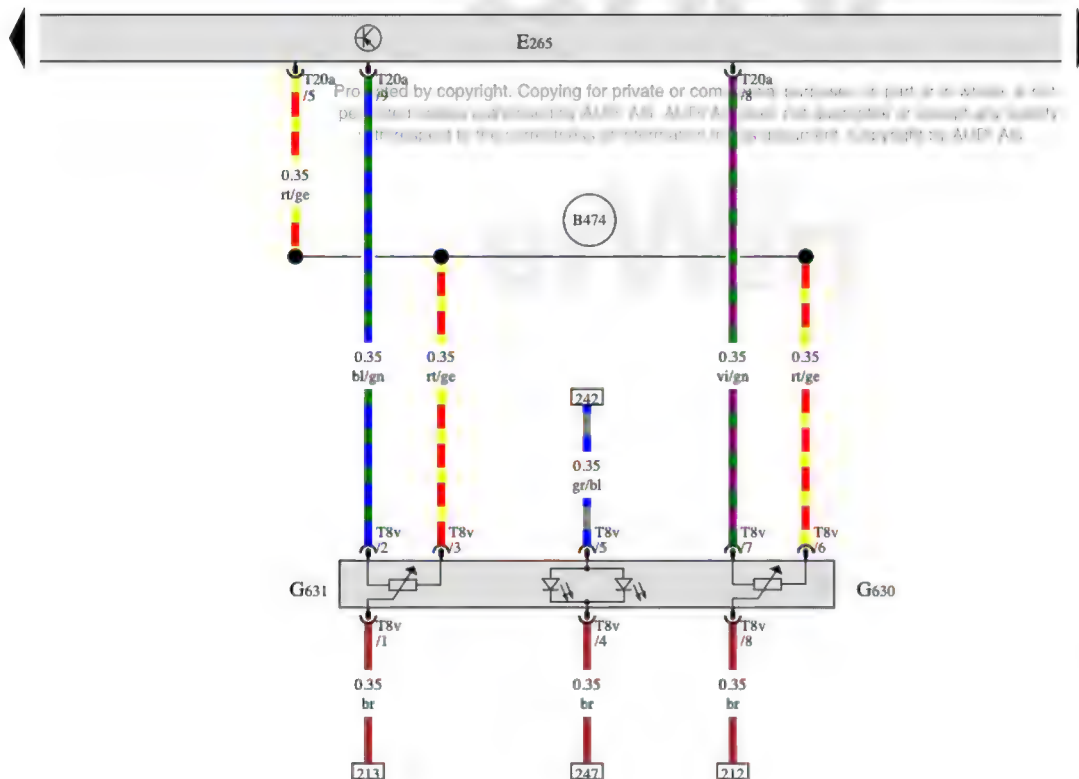
- E265 Rear A/C Display Control Head
- T4cc 4-Pin Connector
- T4cd 4-Pin Connector
- T20a 20-Pin Connector
- V315 Left Rear Upper Body Vent Adjustment Motor
- V316 Right Rear Upper Body Vent Adjustment Motor

- 391 Ground Connection 26 (in Main Wiring Harness)
- B476 Connection 12 (in Main Wiring Harness)
- B712 LIN Bus Connection 7 (in Main Wiring Harness)
- \* For Vehicles with China Equipment

Rear A/C Display Control Head, Position Sensor in Left Rear Upper Body Vent, Position Sensor in Right Rear Upper Body Vent

- E265 Rear A/C Display Control Head
- G630 Position Sensor in Left Rear Upper Body Vent
- G631 Position Sensor in Right Rear Upper Body Vent
- T8v 8-Pin Connector
- T20a 20-Pin Connector

B474 Connection 10 (in Main Wiring Harness)



197 198 199 200 201 202 203 204 205 206 207 208 209 210

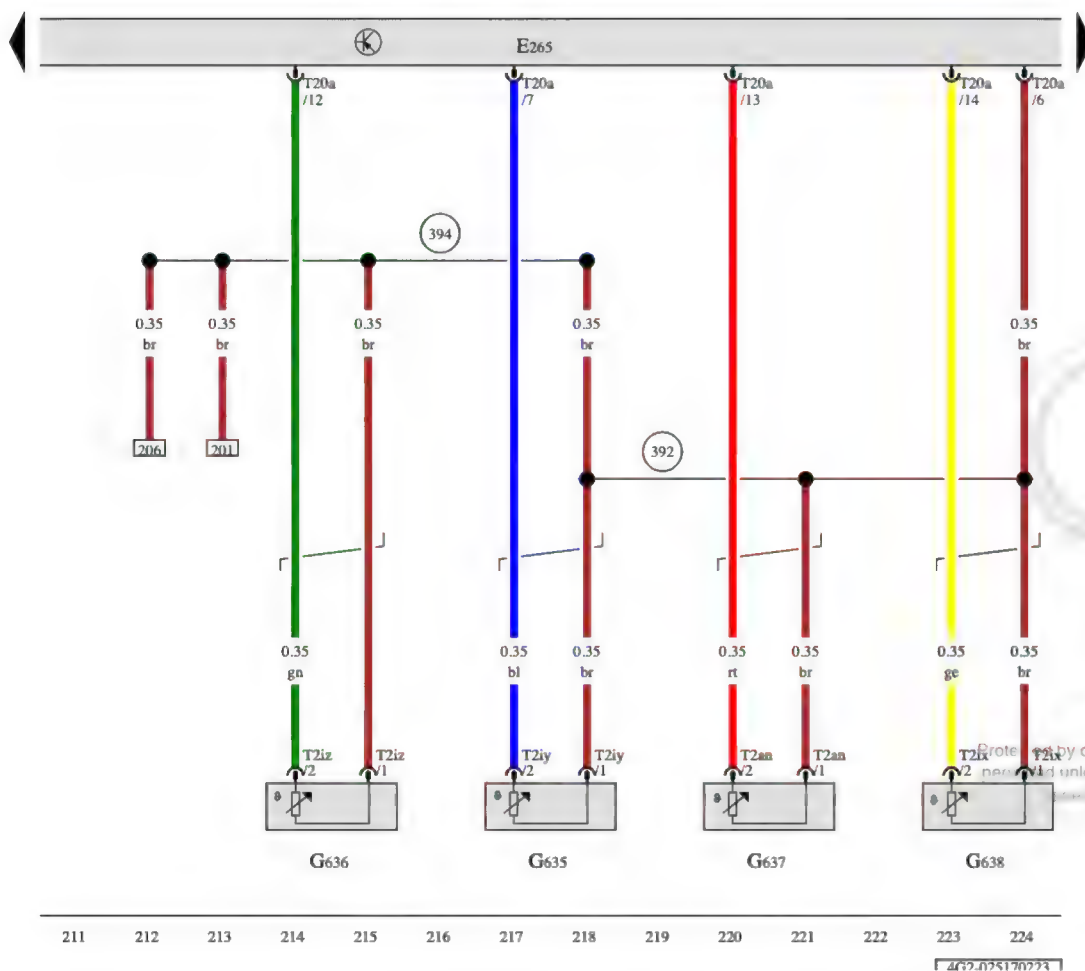
4692075160793

Rear A/C Display Control Head, Left Rear Upper Body Vent Temperature Sensor, Left Rear Footwell Vent Temperature Sensor

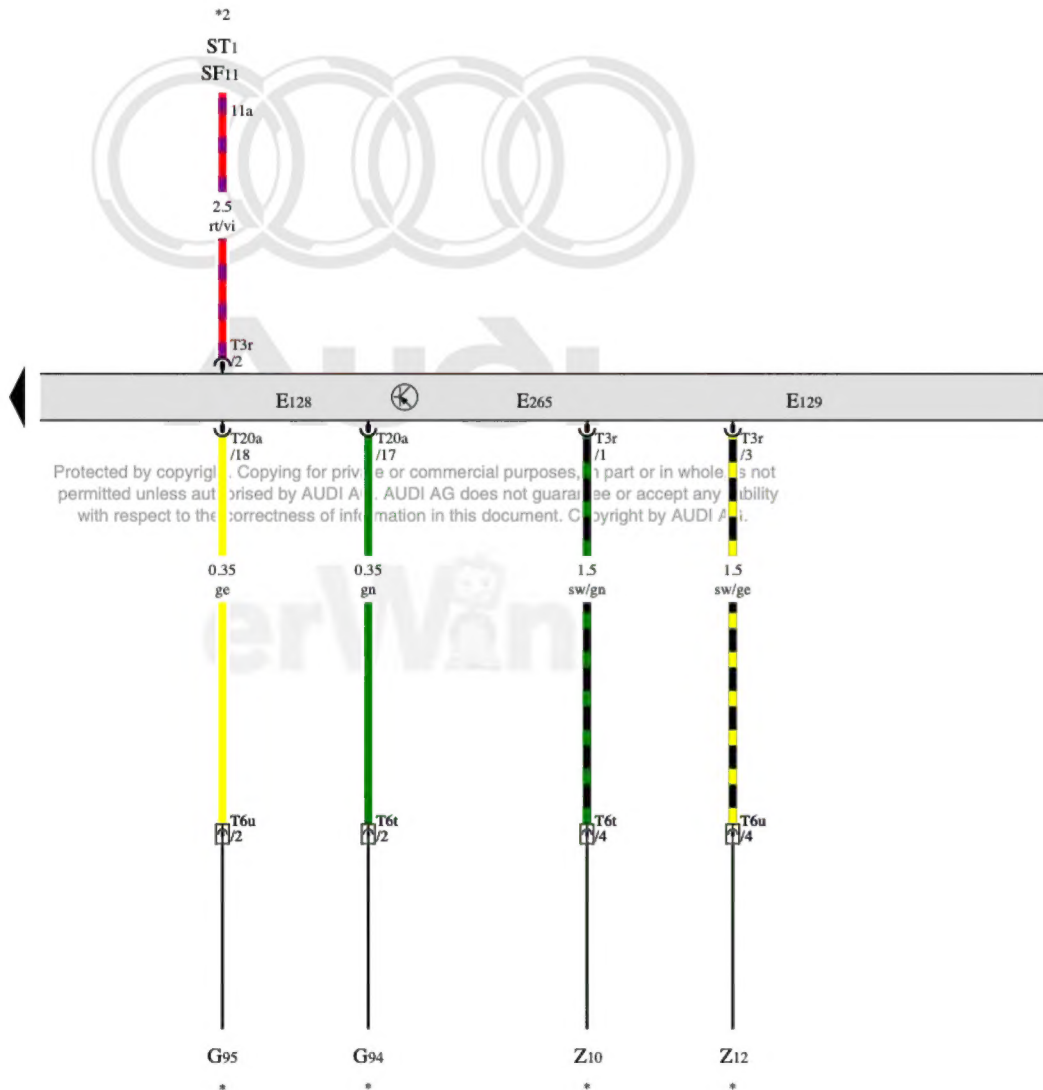
- E265 Rear A/C Display Control Head
- G635 Left Rear Upper Body Vent Temperature Sensor
- G636 Right Rear Upper Body Vent Temperature Sensor
- G637 Left Rear Footwell Vent Temperature Sensor
- G638 Right Rear Footwell Vent Temperature Sensor
- T2an 2-Pin Connector
- T2ix 2-Pin Connector
- T2iy 2-Pin Connector
- T2iz 2-Pin Connector
- T20a 20-Pin Connector

392 Ground Connection 27 (in Main Wiring Harness)

394 Ground Connection 29 (in Main Wiring Harness)



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- gr = grey
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- vi = lilac
- ge = yellow
- or = orange
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# Left Rear Heated Seat Regulating Switch, Right Rear Heated Seat Regulating Switch, Rear A/C Display Control Head

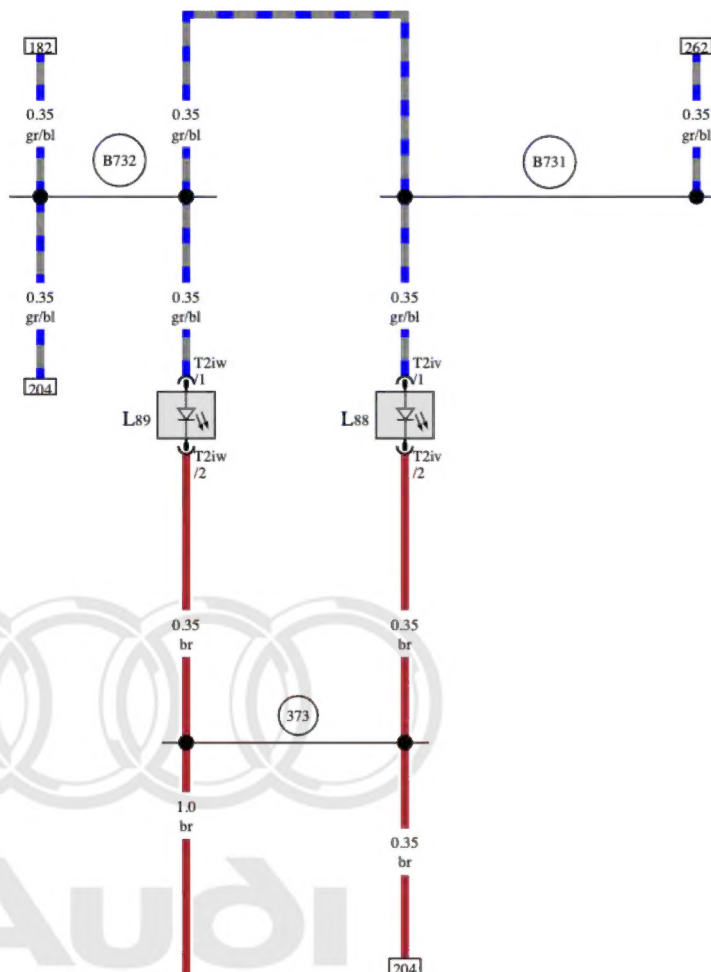
- E128 Left Rear Heated Seat Regulating Switch
- E129 Right Rear Heated Seat Regulating Switch
- E265 Rear A/C Display Control Head
- G94 Left Rear Heated Seat Temperature Sensor
- G95 Right Rear Heated Seat Temperature Sensor
- ST1 Fuse Panel 1
- SF11 Fuse 11 (On Fuse Panel F)
- T3r 3-Pin Connector
- T6t 6-Pin Connector, In the Coupling Point for the Left Rear Seat
- T6u 6-Pin Connector, In the Coupling Point for the Right Rear Seat
- T20a 20-Pin Connector
- Z10 Left Rear Bench Seat Heating Element
- Z12 Right Rear Bench Seat Heating Element
- \* Refer to the Applicable Heated Seats Wiring Diagram
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions



Left Rear Air Vent Illumination Bulb, Right Rear Air Vent Illumination Bulb

- L88 Left Rear Air Vent Illumination Bulb
- L89 Right Rear Air Vent Illumination Bulb
- T2iv 2-Pin Connector
- T2iw 2-Pin Connector

- 373 Ground Connection 8 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B731 Connection 58s (in Main Wiring Harness) 1
- B732 Connection 58s (in Main Wiring Harness) 2



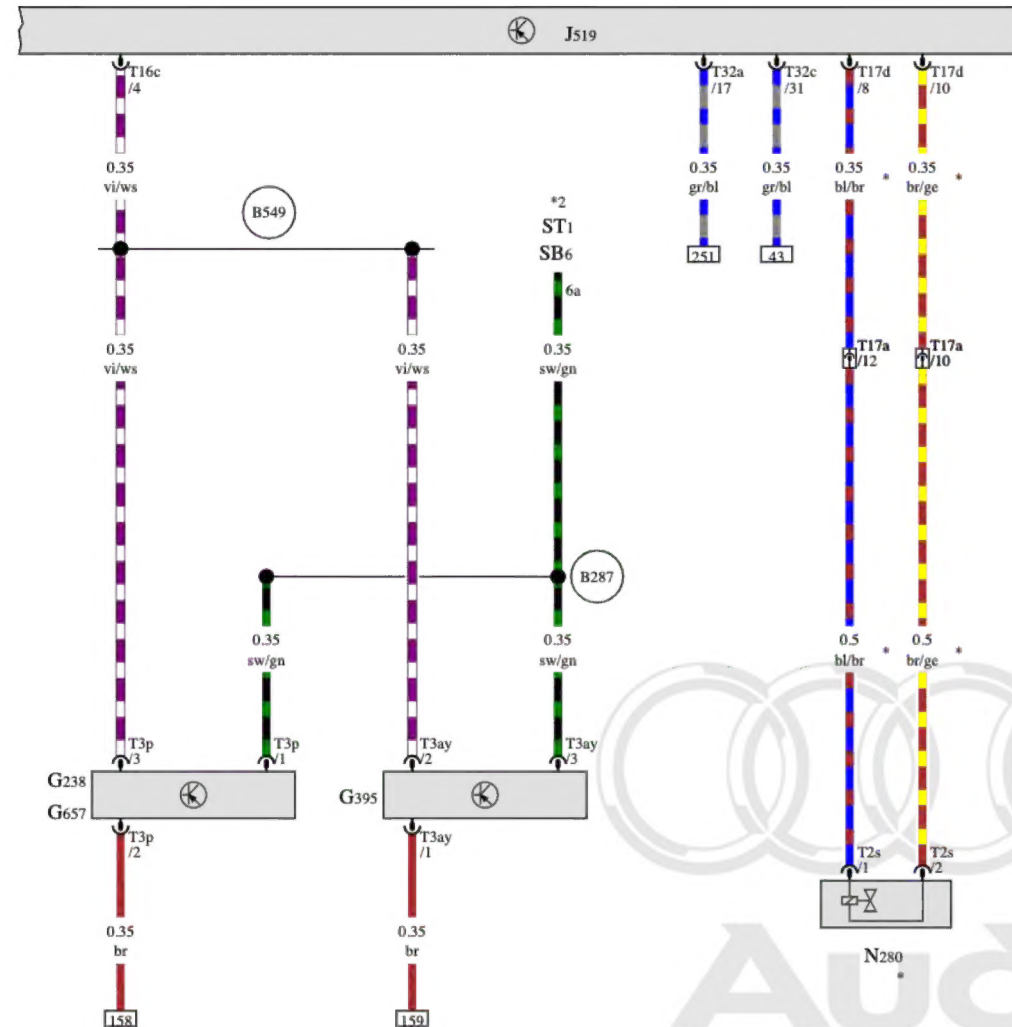
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239 240 241 242 243 244 245 246 247 248 249 250 251 252

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Air Quality Sensor, A/C Pressure/Temperature Sensor, Humidity Sensor in Fresh Air Intake Duct, Vehicle Electrical System Control Module, A/C Compressor Regulator Valve



- G238 Air Quality Sensor
- G395 A/C Pressure/Temperature Sensor
- G657 Humidity Sensor in Fresh Air Intake Duct
- J519 Vehicle Electrical System Control Module
- N280 A/C Compressor Regulator Valve
- ST1 Fuse Panel 1
- SB6 Fuse 6 (On Fuse Panel B)
- T2s 2-Pin Connector
- T3ay 3-Pin Connector
- T3p 3-Pin Connector
- T16c 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17d 17-Pin Connector
- T32a 32-Pin Connector
- T32c 32-Pin Connector

B287 Positive Connection 11 (15a) (in Main Wiring Harness)

B549 LIN Bus Connection 2 (in Main Wiring Harness)

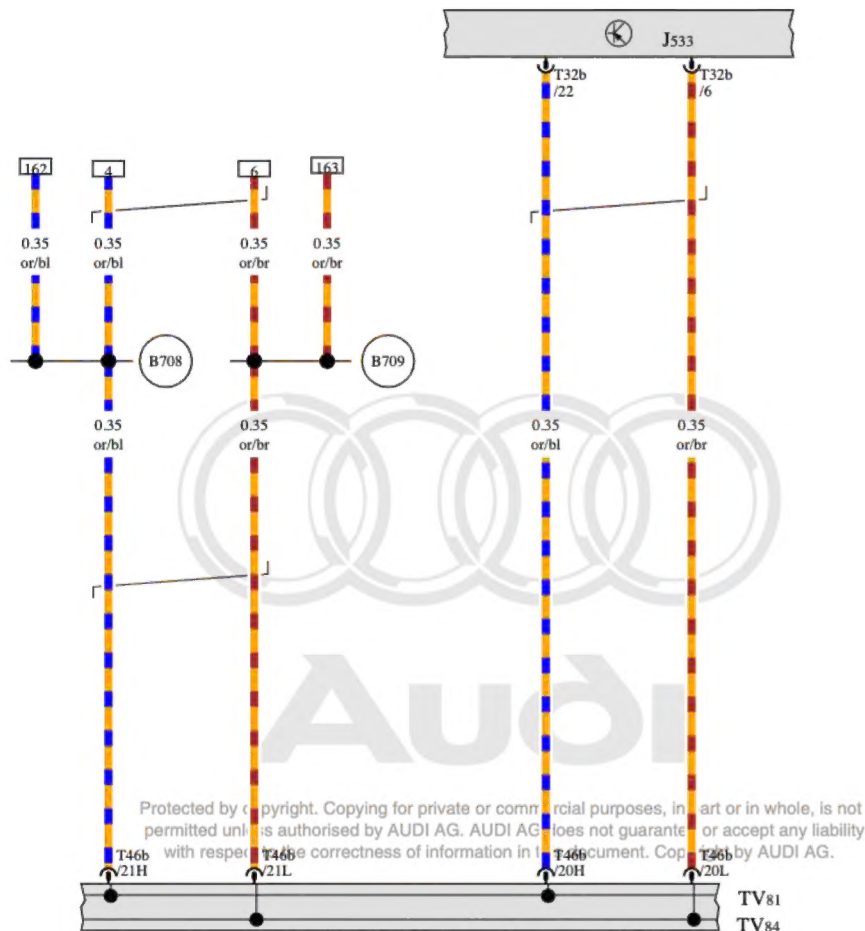
- \* For Vehicles Without Hybrid Drive
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions

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# Data Bus on Board Diagnostic Interface, Instrument Cluster CAN Bus High Wire Junction 2

- J533 Data Bus on Board Diagnostic Interface
- T32b 32-Pin Connector
- T46b 46-Pin Connector
- TV81 Instrument Cluster CAN Bus High Wire Junction 2, On the Relay and Fuse Panel in the Luggage Compartment, Right
- TV84 Instrument Cluster CAN Bus Low Wire Junction 2
- B708 Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- B709 Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)



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